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Basic Audio Engineering - Chapter #3 Quiz

1. The Nyquist Theorem states that:

Your Answer: The highest frequency able to be sampled is half the sample rate.

2. All audio should be recorded to your computer's internal hard drive.

Your Answer: False

3. In 1976 the Fairlight CMI was released. The Fairlight CMI was the first:

Your Answer: A Polyphonic Digital Sampler

4. _____ works by sampling the original file and removing frequency ranges that the average listener can't hear.

Your Answer: Lossy File Compression

5. At 16 bit, one minute of audio takes up approximately ____ of space on your computer.

Your Answer: 10 MB

6. _____ remains the most widely used digital audio format today; however is a lossy compressed format that is inferior to other formats.

Your Answer: mp3

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7. An audio CD that holds 700 MB of information, can hold about _____ minutes of audio.

Your Answer: 70

8. A _____ was one of the first digital audio devices. It is a device that keeps track of the order trigger events are played in.

Your Answer: Sampler

Incorrect! Correct Answer is Sequencer

9. The _____ refers to the amount of "pictures" taken of a waveform's amplitude over 1 second.

Your Answer: Sample Rate

10. Recording 24 tracks simultaneously at 32 bit/192k will use about _____ a minute.

Your Answer: 1 GB

11. A _____ works by storing recorded sounds in memory, allowing the individual sounds to be played back as they are triggered.

Your Answer: Sampler

12. The _____ refers to the amount of possible amplitude values present in the digital audio signal.

Your Answer: Bit Depth

Assignment Grade

Overall Grade: A

Instructor Notes:

92% (11 / 12)

Graded by: auto**Date Graded:** 2017-07-24 17:31:10**Date Submitted:** 2017-07-24 17:31:05